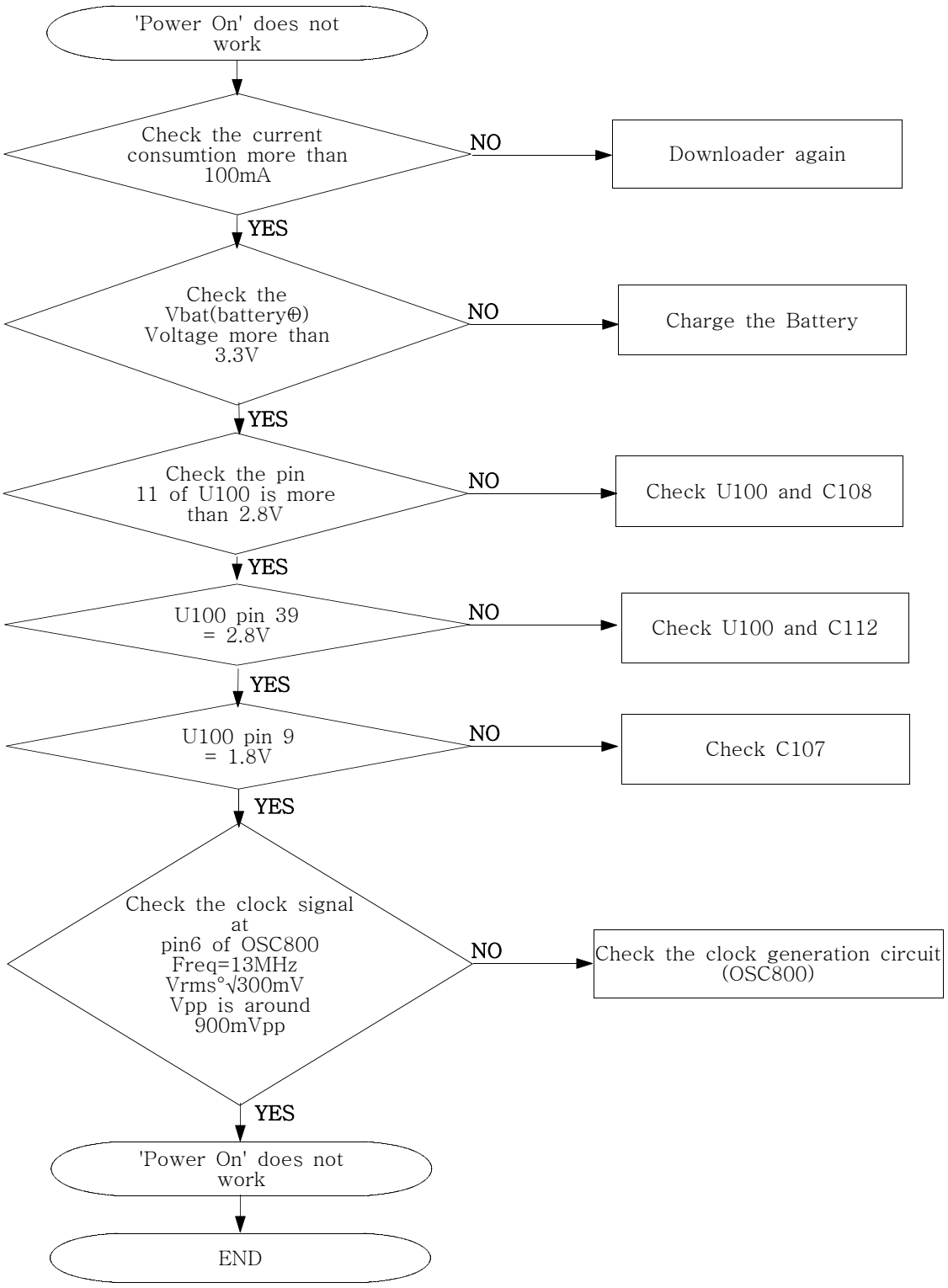
2. SGH-E600/E608 Flow Chart of Troubleshooting and Circuit Diagrams

1.Baseband

1. Power ON



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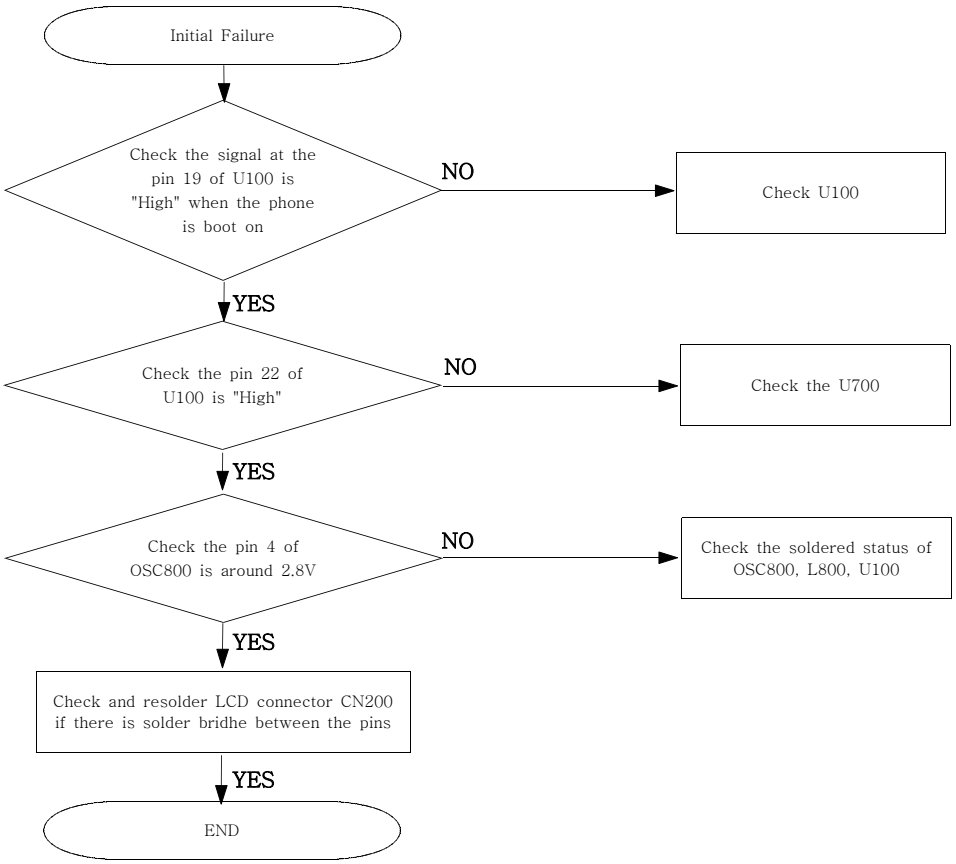
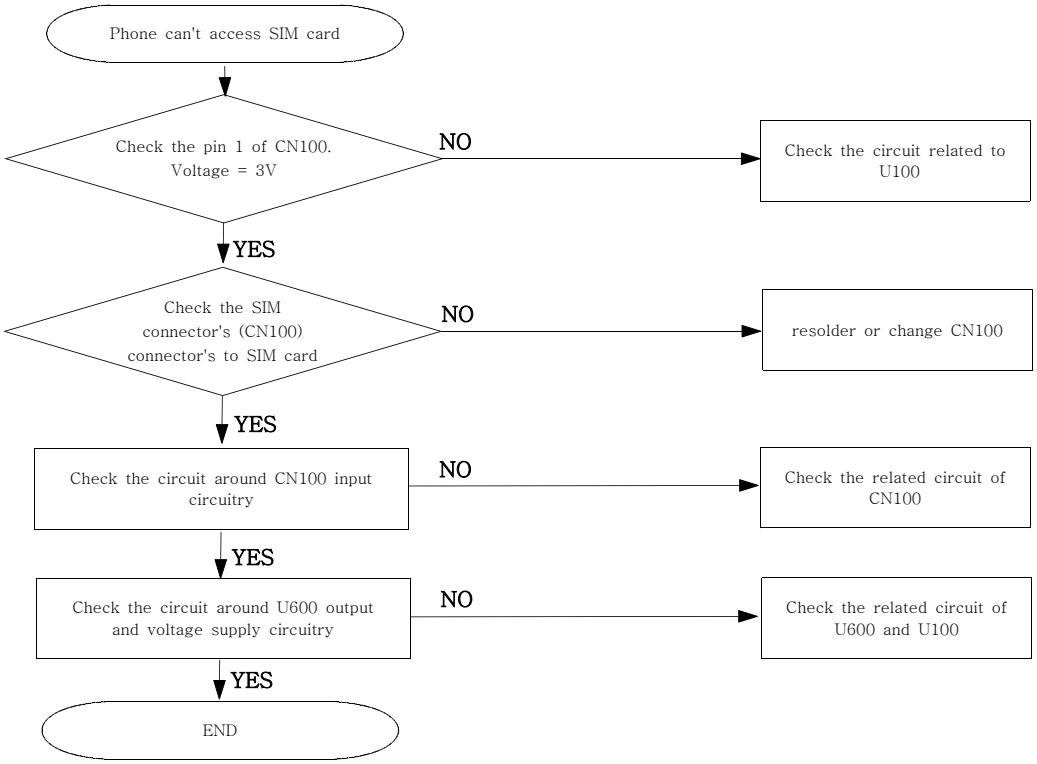
2. Initial


Initial Failure
Check the signal at the pin 19 of U100 is "High" when the phone is boot on
NO
Check U100
YES
Check the pin 22 of U100 is "High"
NO
Check the U700
YES
Check the pin 4 of OSC800 is around 2.8V
NO
Check the soldered status of OSC800, L800, U100
YES
Check and resolder LCD connector CN200 if there is solder bridhe between the pins
YES
END

3. Sim Part


Phone can't access SIM card
Check the pin 1 of CN100. Voltage = 3V
NO
Check the circuit related to U100
YES
Check the SIM connector's (CN100) connector's to SIM card
NO
resolder or change CN100
YES
Check the circuit around CN100 input circuitry
NO
Check the related circuit of CN100
YES
Check the circuit around U600 output and voltage supply circuitry
NO
Check the related circuit of U600 and U100
YES
END

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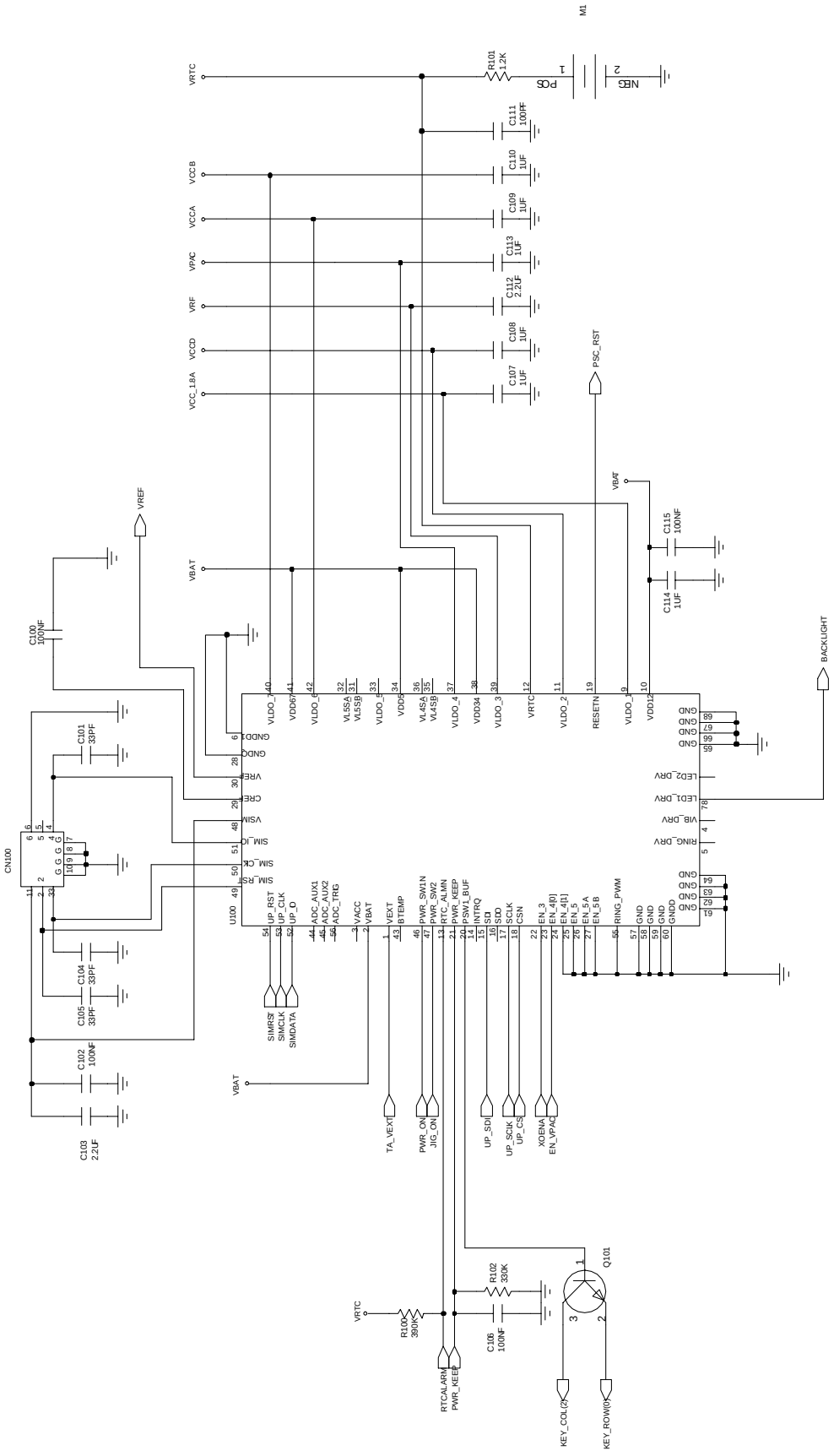

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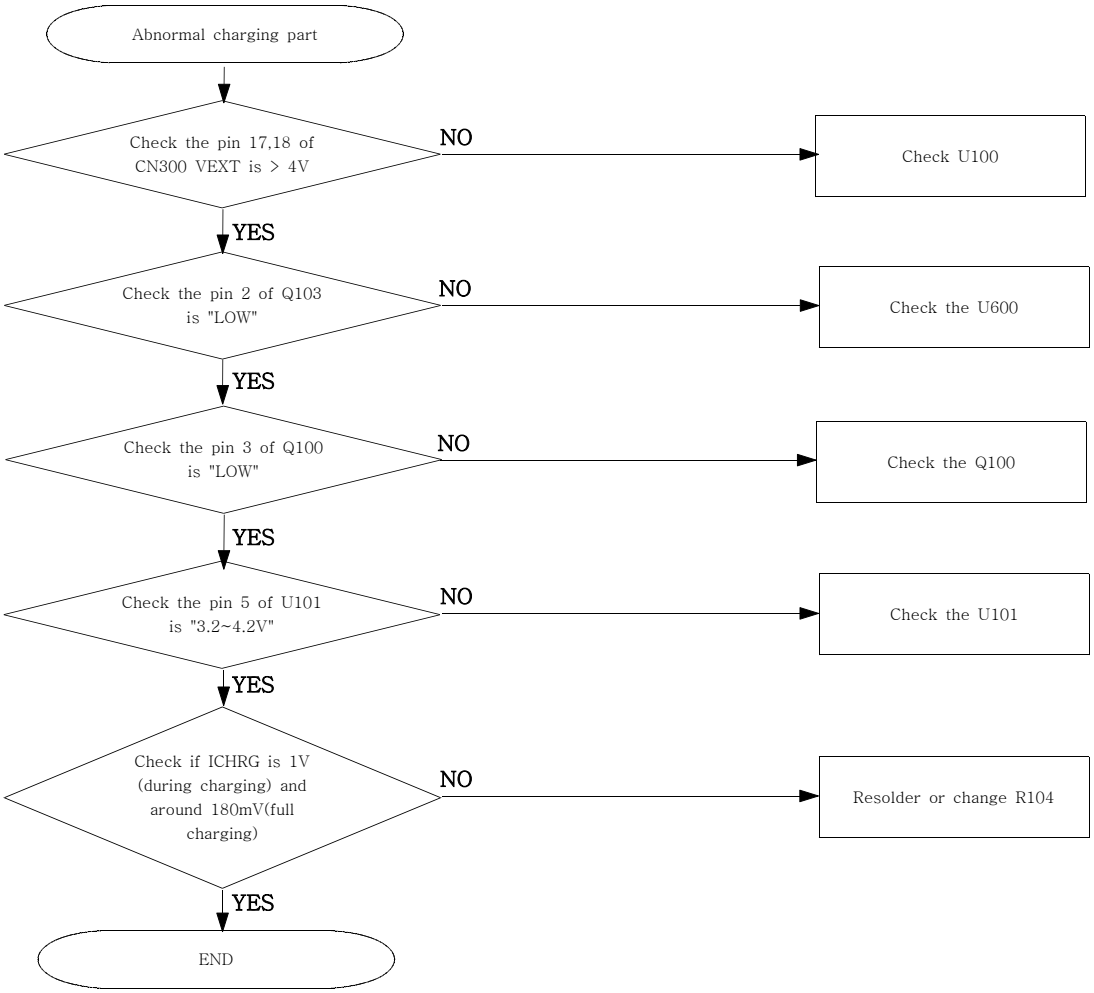
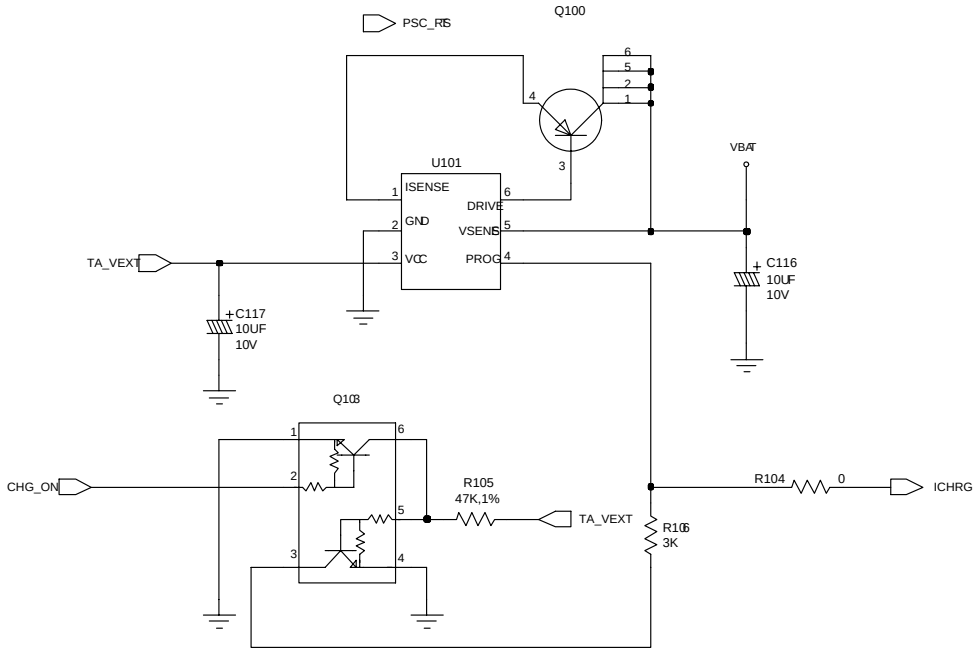
4. Charging Part





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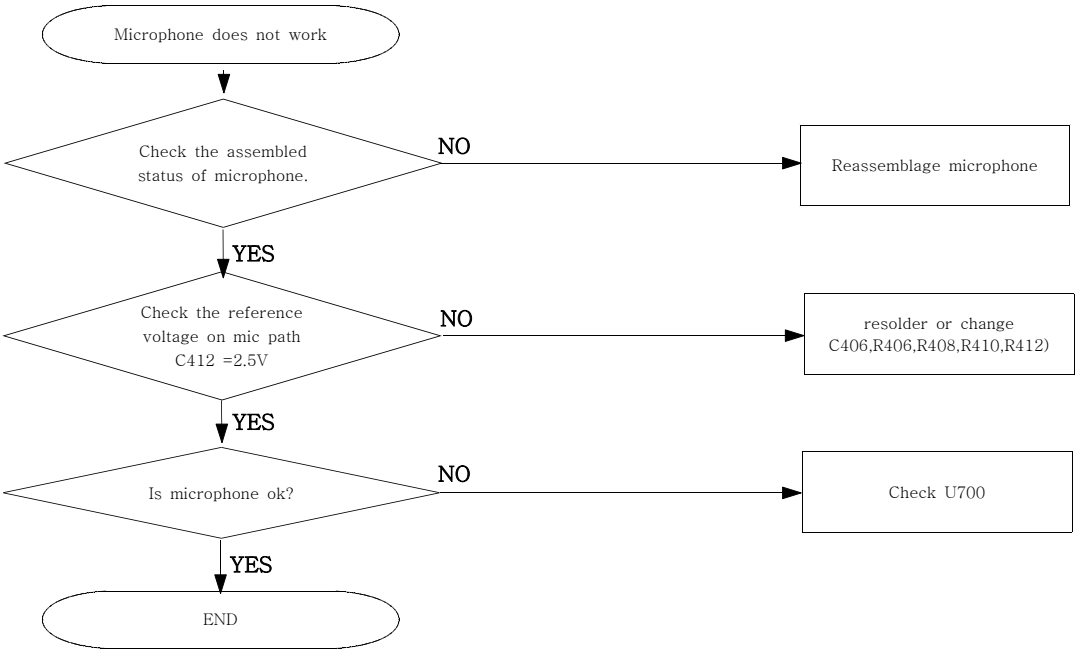
5. Microphone Part



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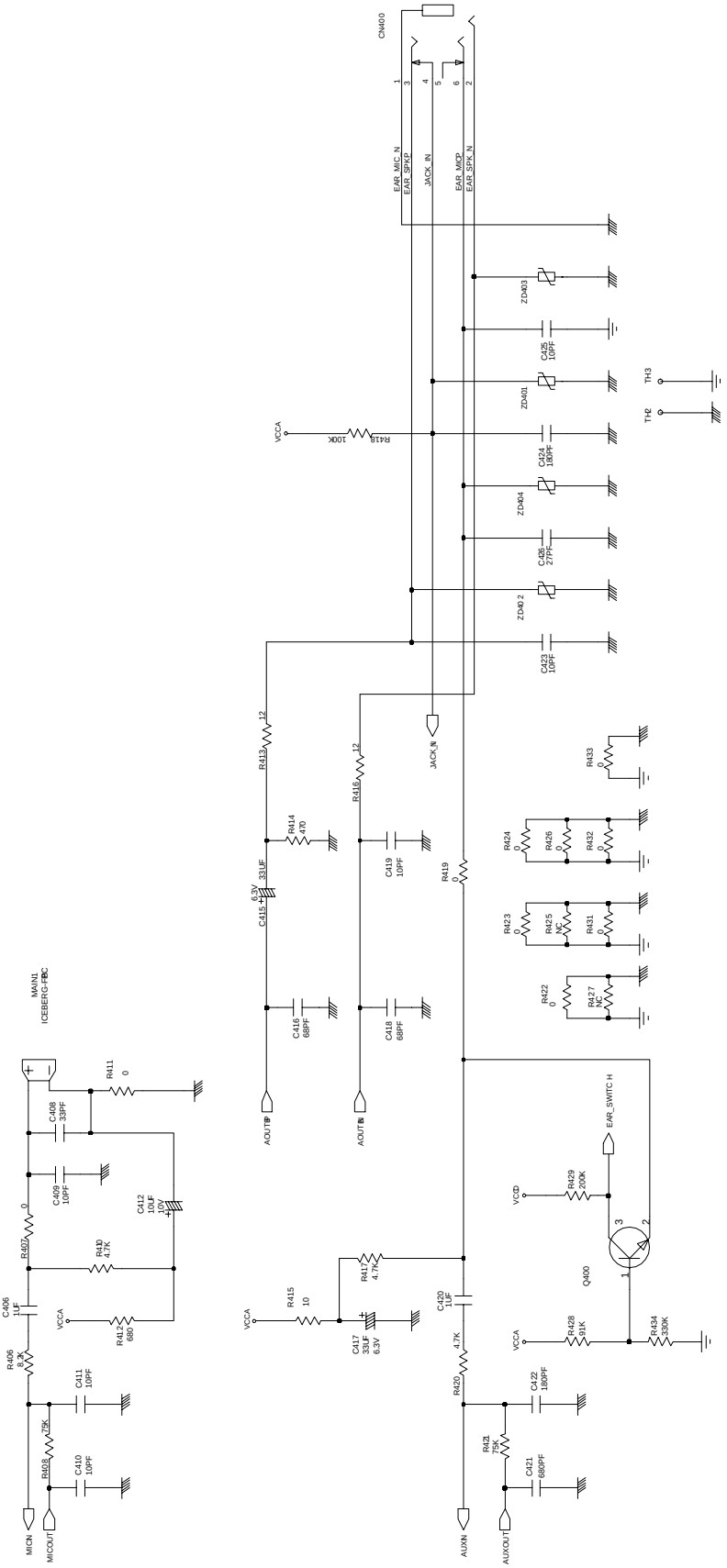

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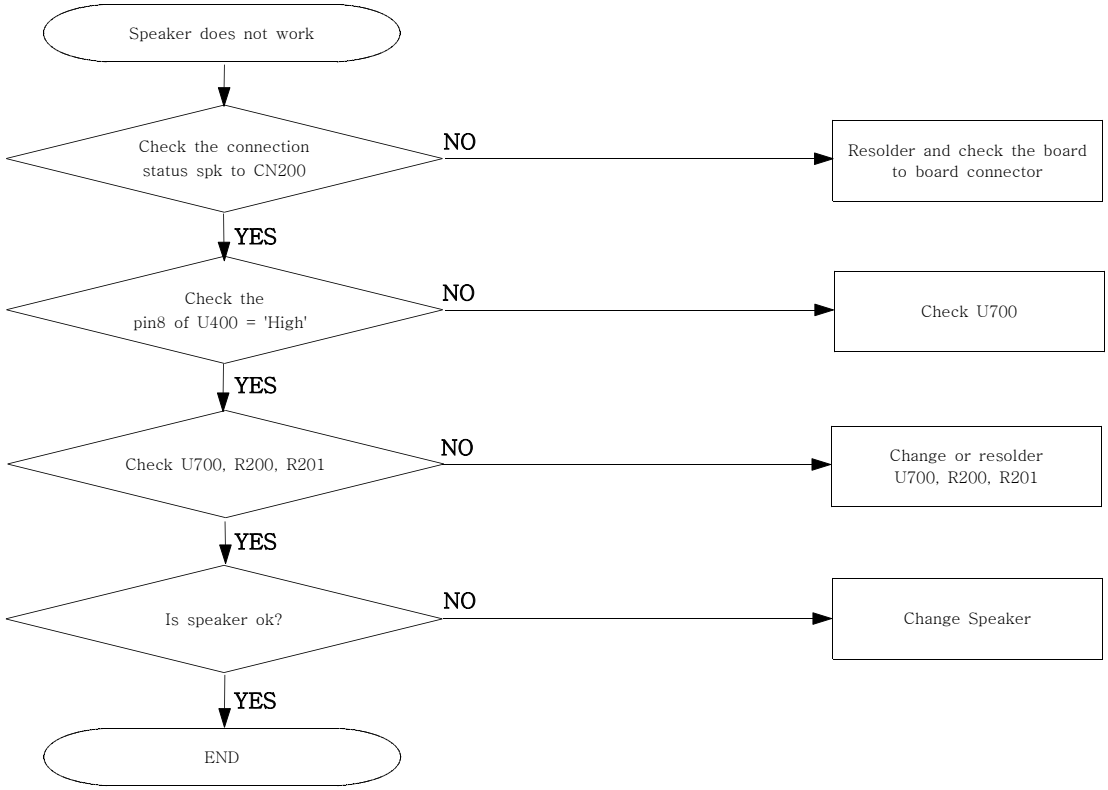
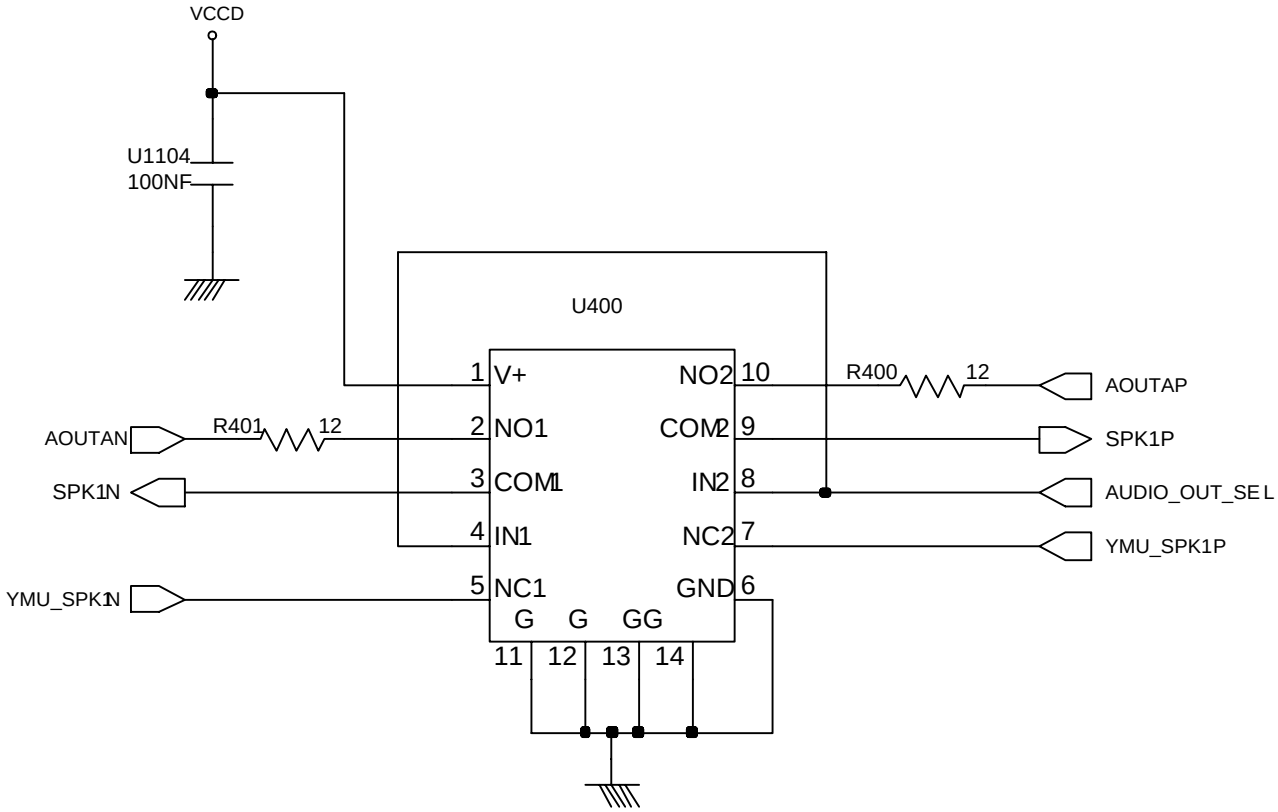
6. Speaker Part





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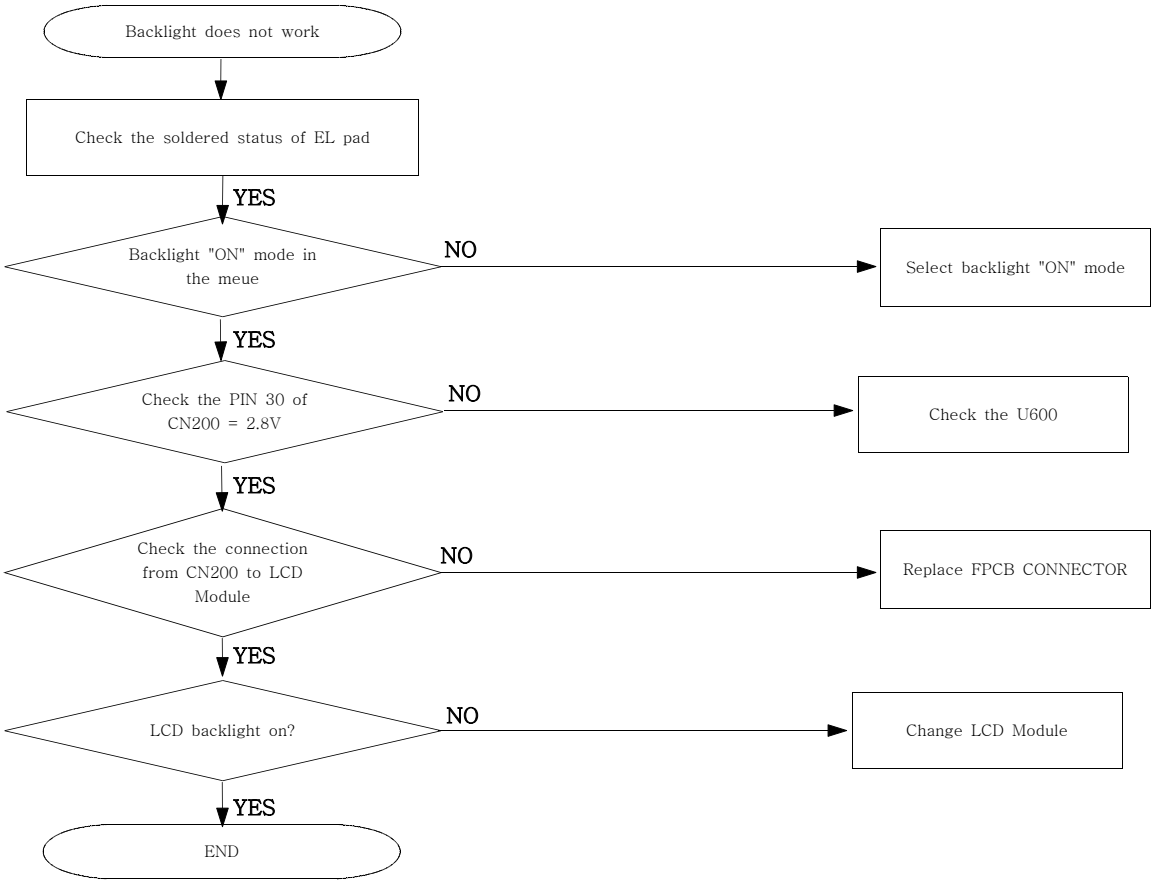
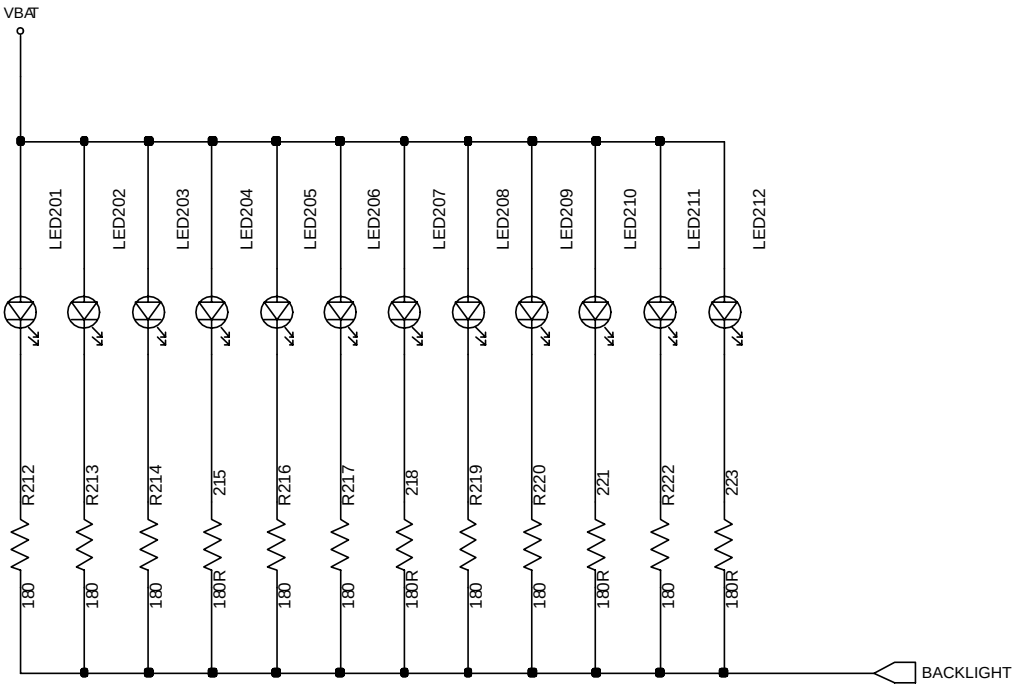
7. Back Light





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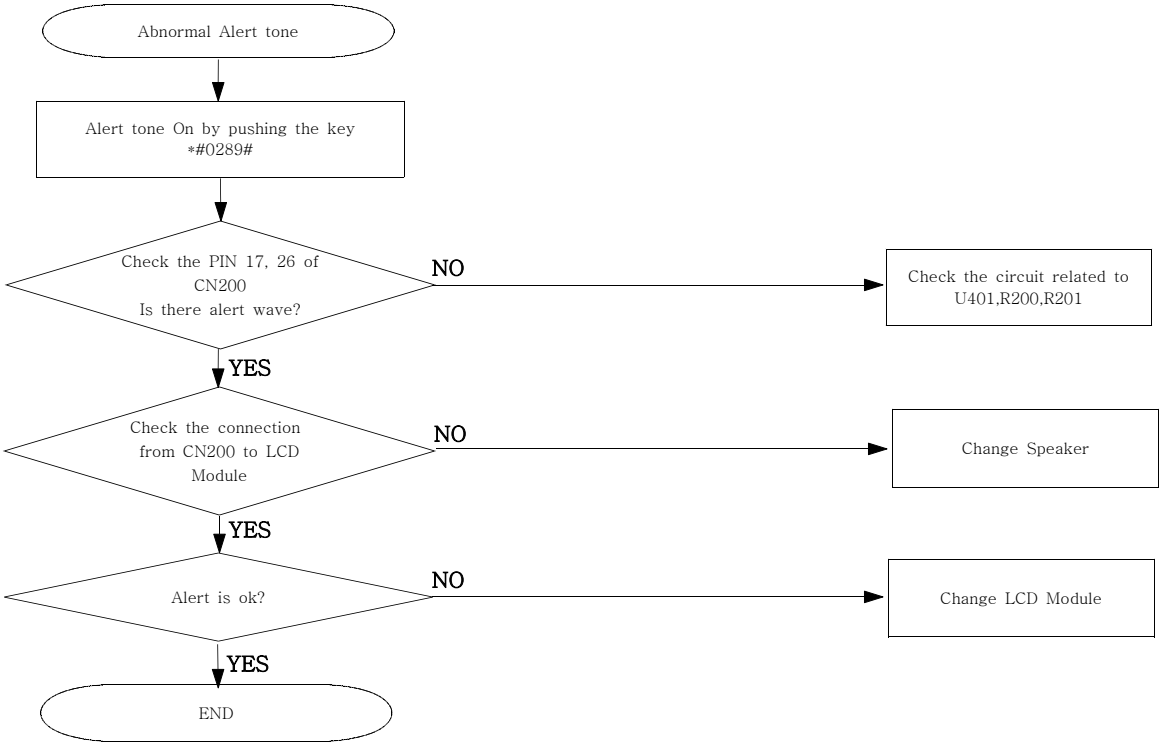
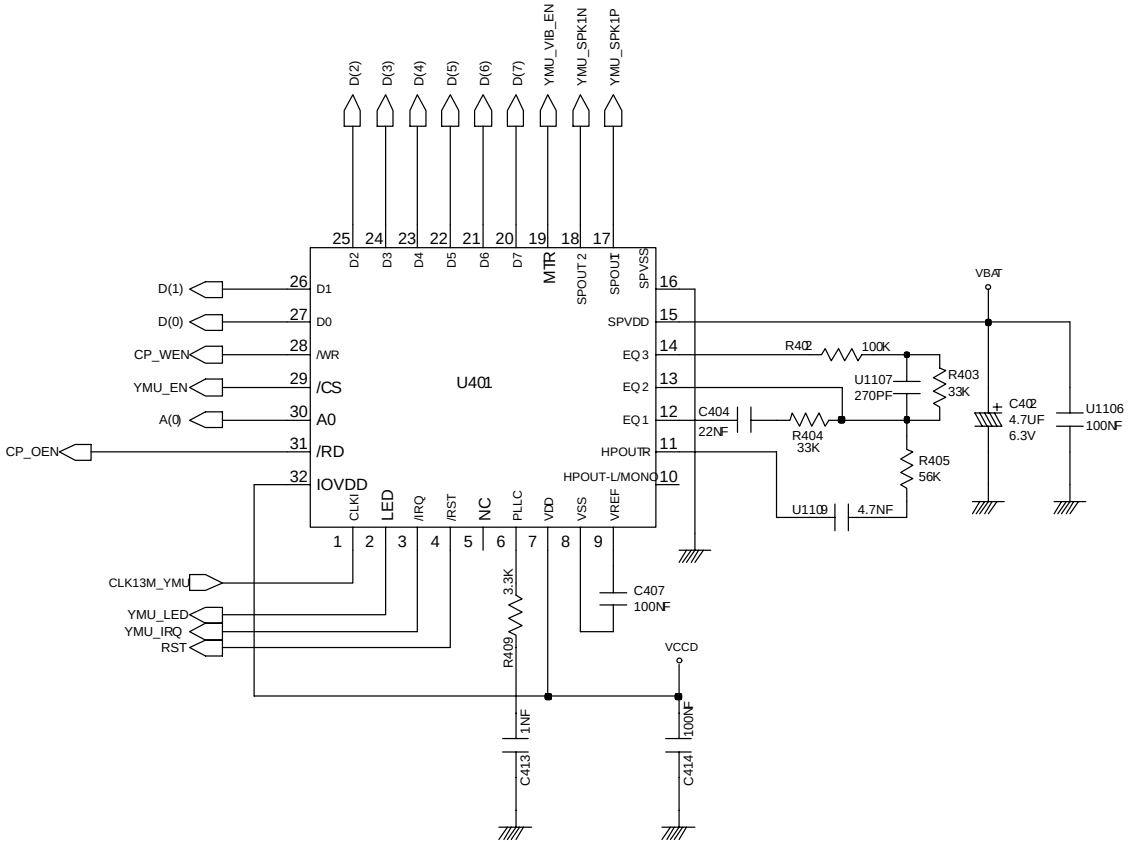
8.Alert Tone





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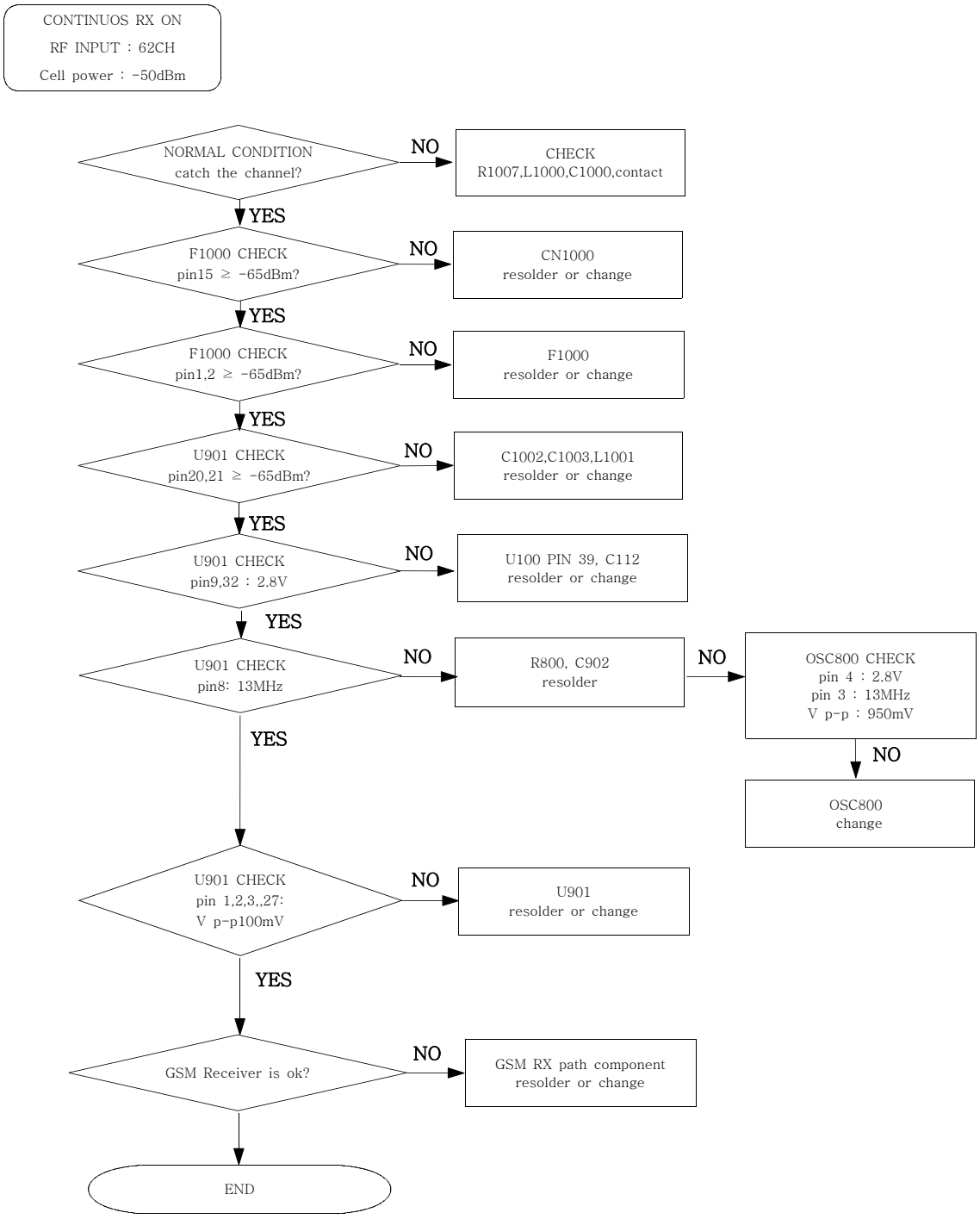
2.RF

1. GSM Receiver



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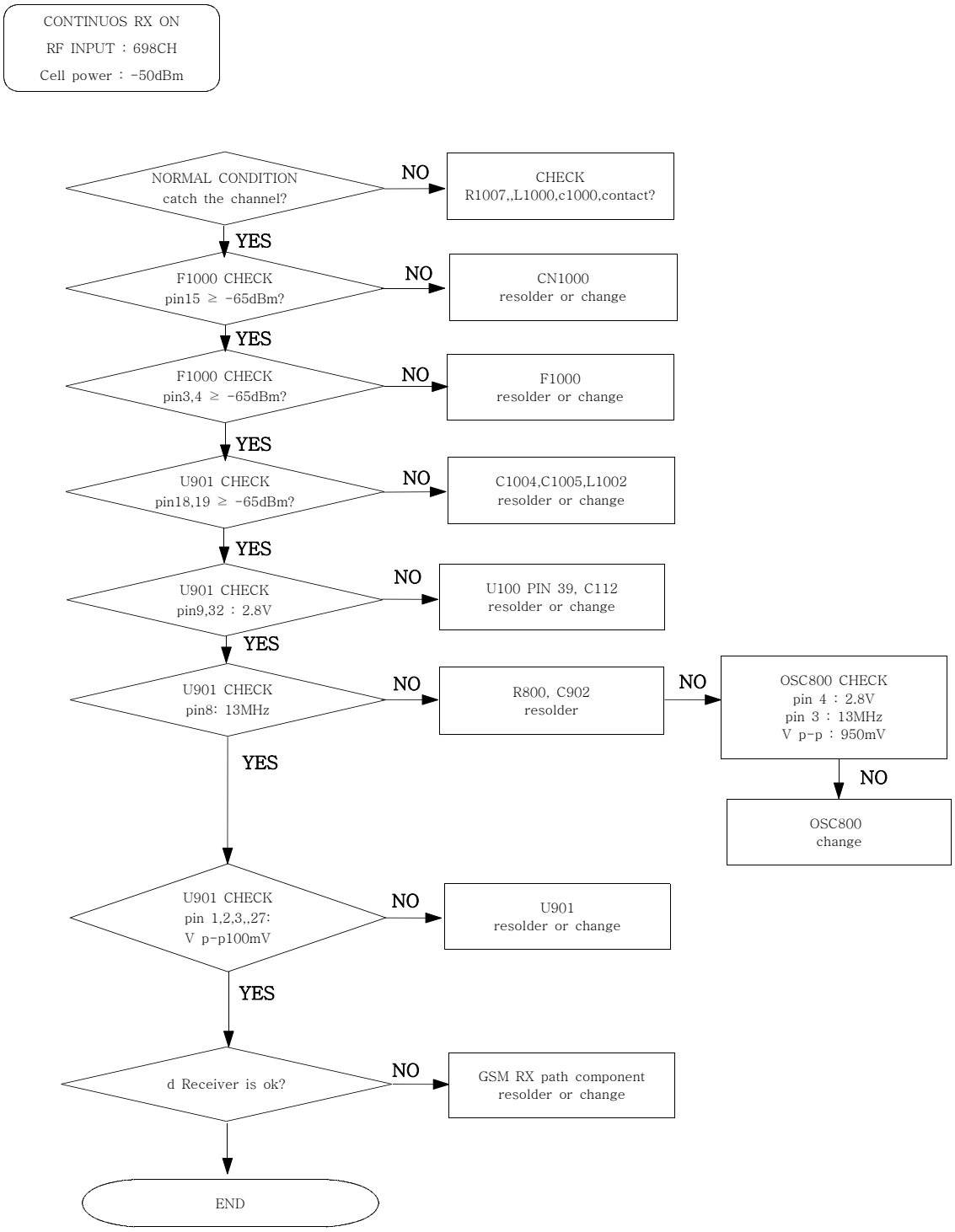
2. DCS Receiver



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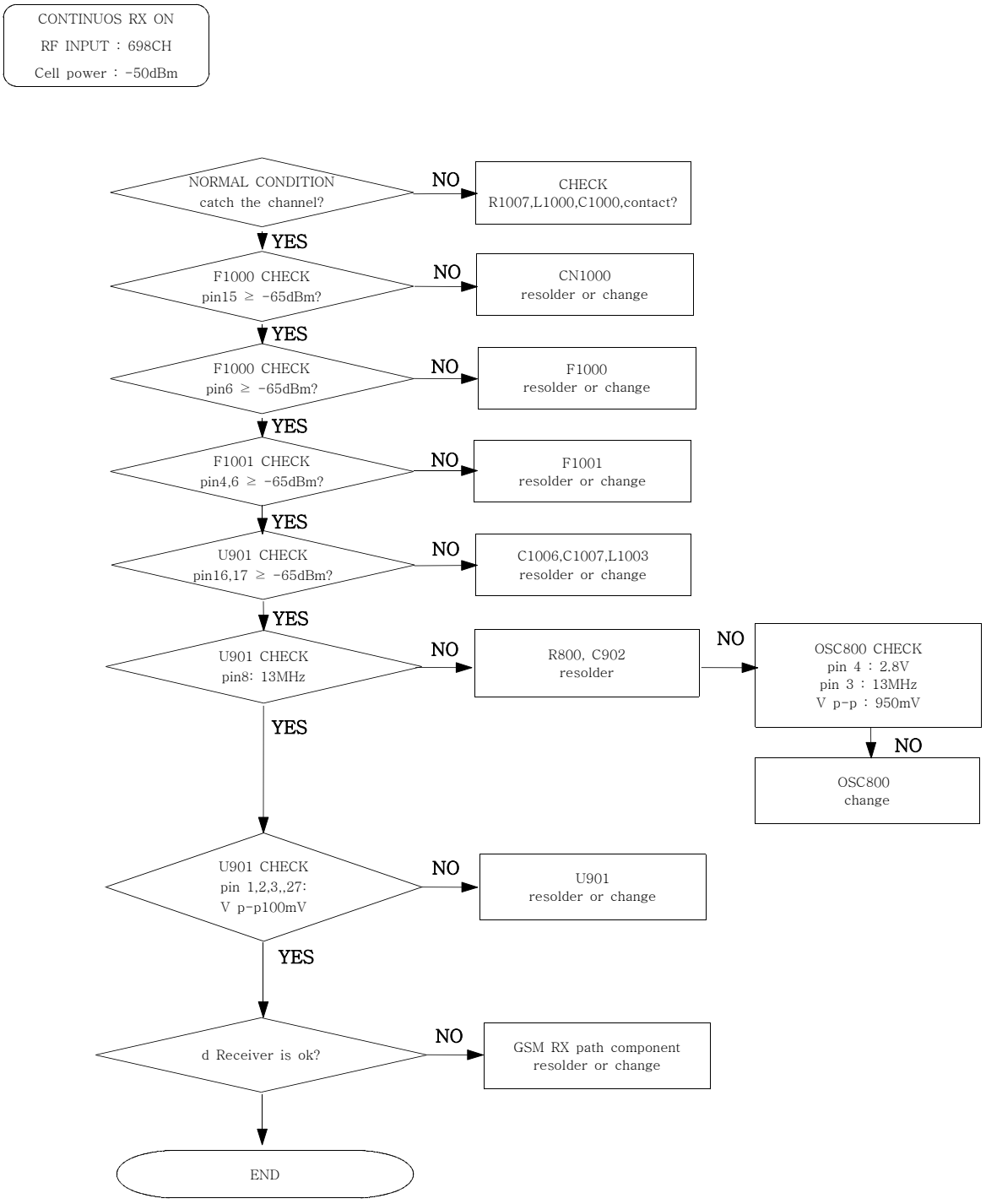
3. PCS Receiver



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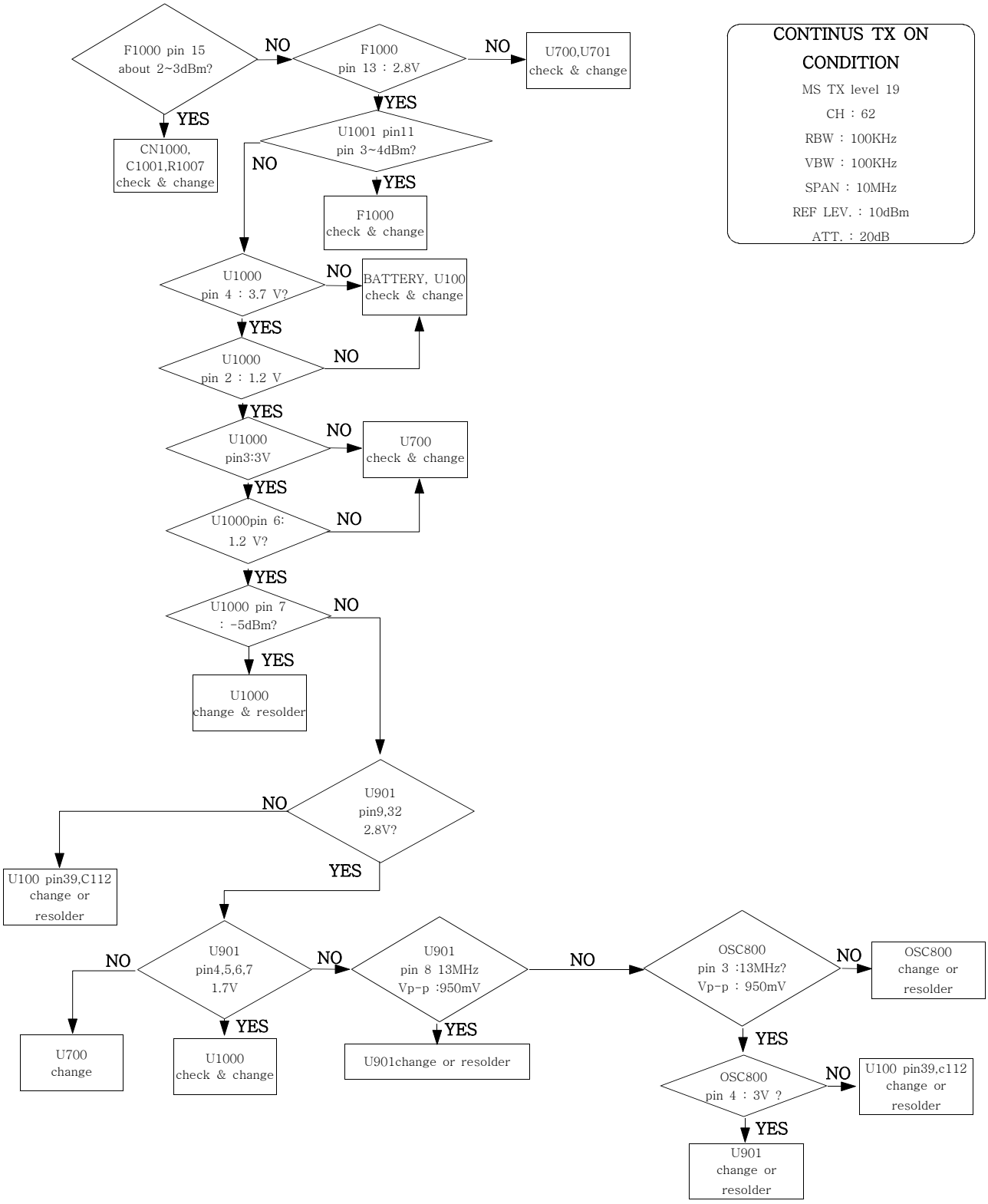
4. GSM Transmitter



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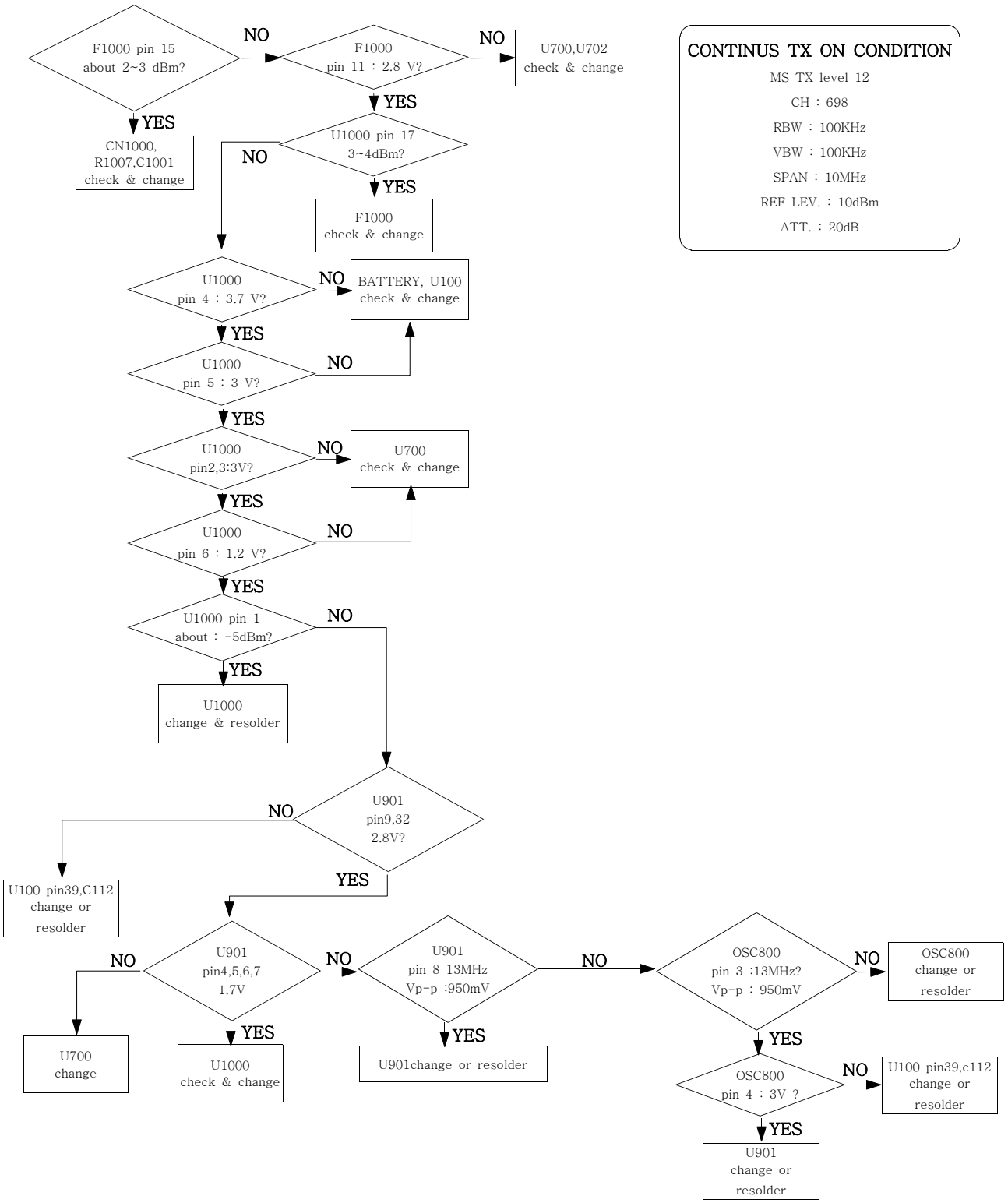
5. DCS Transmitter



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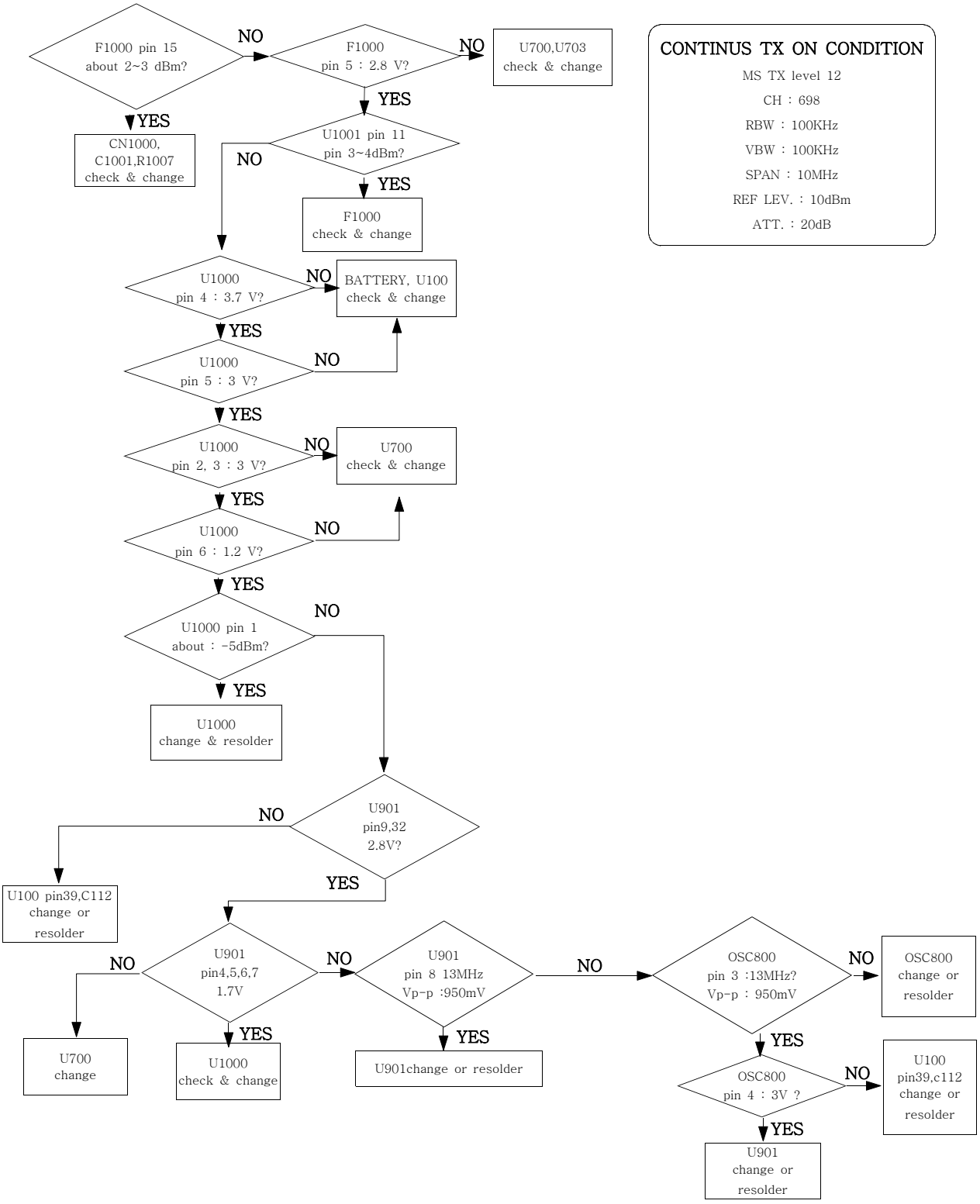
6. PCS Transmitter



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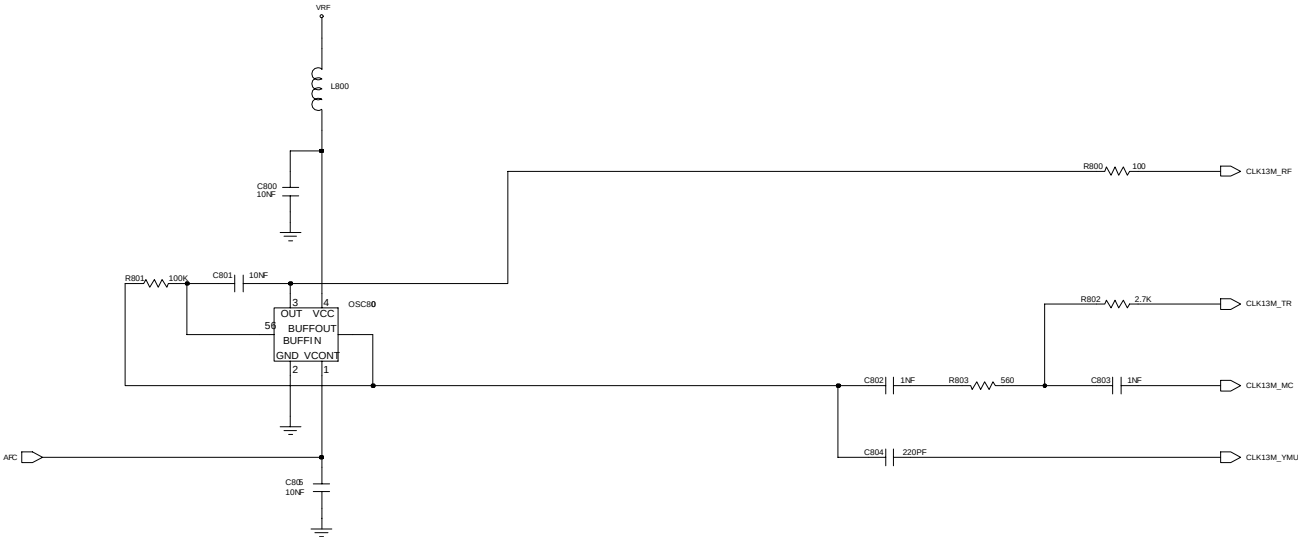
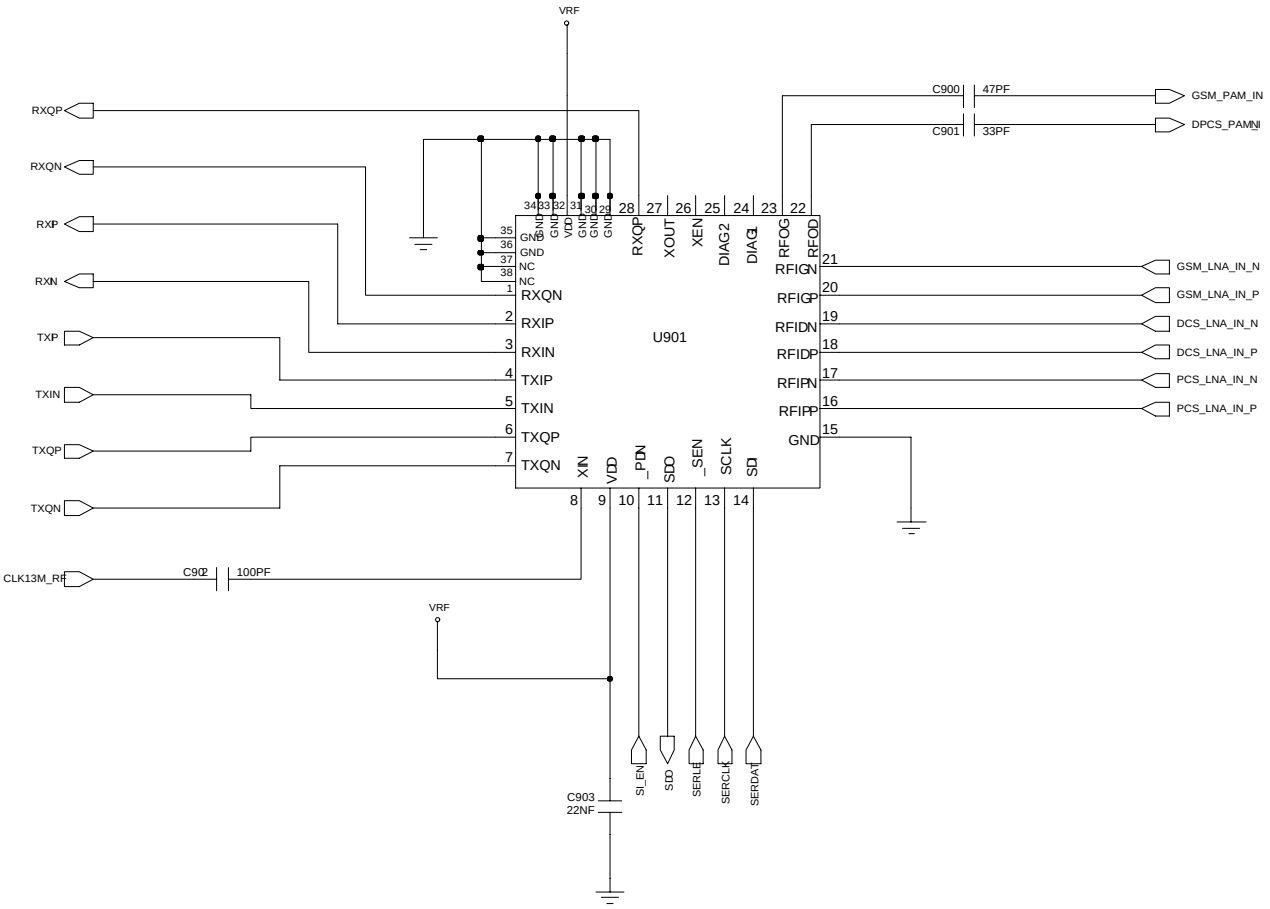


(Picture 1)



(Picturw 2)

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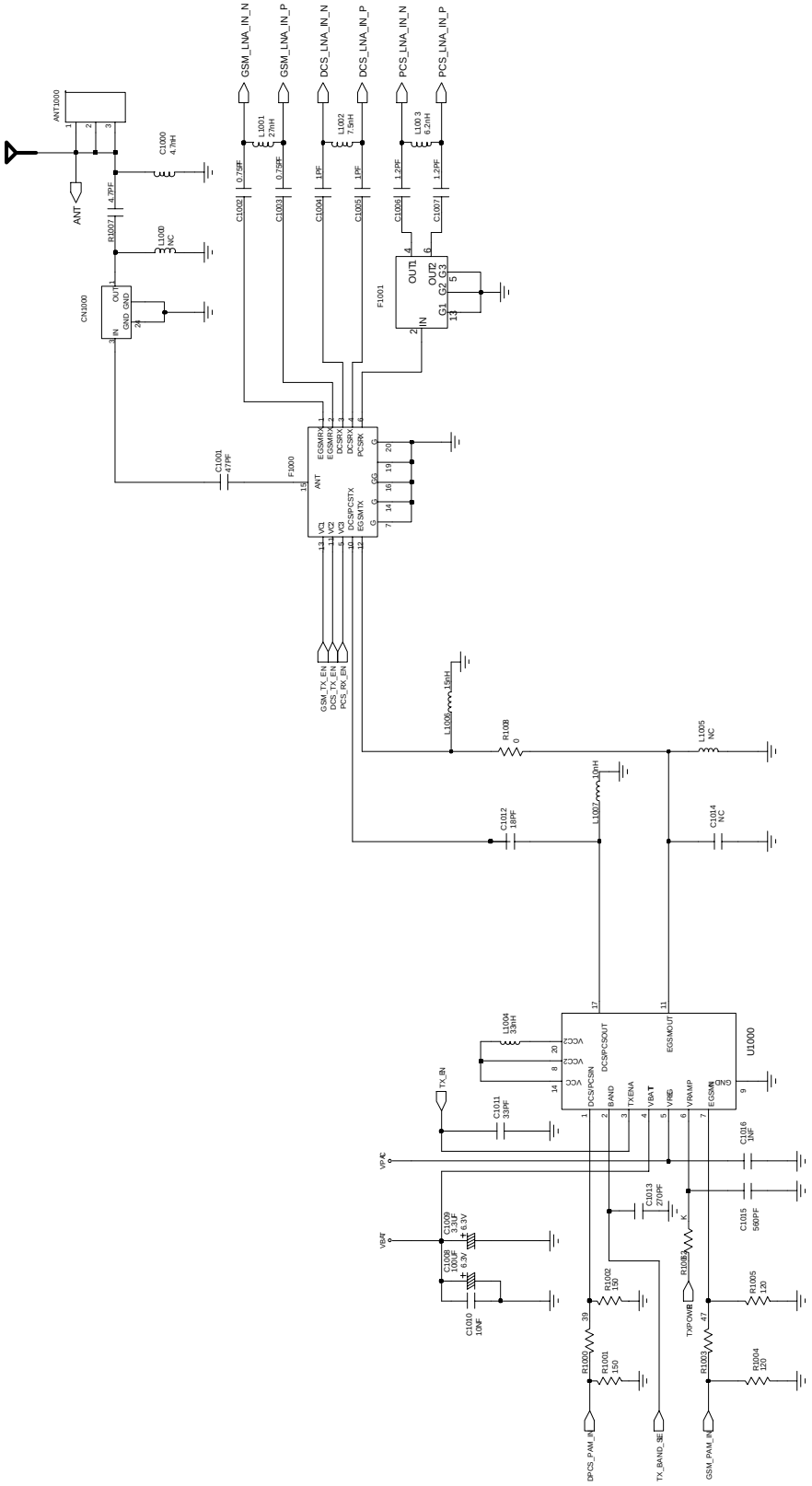

(Picture 3)

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